Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 14 Jan 2023 until 23:59 on Sunday 15 Jan 2023

Forecast Issued on Friday 13 Jan 2023 at 16:10

Confidence: High confidence for turning colder with the risk of some snow at lower levels and northwesterly winds later in the weekend.

Headline for Saturday 14 Jan 2023: Heavy rain at first, turning colder with rain turning to sleet later, becoming dry for a time then showery later with strengthening winds.

Mountain weather hazards on Saturday 14 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy	Sleet showers	Light snow showers (night)	Light snow
Precipitation probability	90%	90%	90%	90%	40%	30%	70%	70%

Forecast for Saturday 14 Jan 2023

Weather: Cloudy with outbreaks of rain, heavy at times overnight, perhaps sleet on the highest tops like Kinder Scout by late morning. Rain tending to clear east by late morning with some cloud breaks developing and perhaps some brighter or sunny spells. Through the afternoon showers will develop and these will turn wintry above 500m, a severe wind chill expected on the hills.

Chance of cloud-free hill tops above 600m: 20%, improving to 60% for a time when the rain clears but dipping back to 40% in wintry showers later.

Low cloud and visibility: Extensive low cloud expected from daybreak with overcast layers above 300m, perhaps cloud bases slightly higher around eastern areas. Visibility expected to be poor in heavy rain in the morning. Cloud lifting and becoming more scattered by late morning with a good chance of some views for a time in the middle of the day, visibility will become good too. As afternoon showers develop cloud will thicken and lower over the summits in showers and the visibility may turn poor for a time as showers pass especially as showers turn wintry at height.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 14 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/35 SW	29/38 S	28/37 S	24/33 SW	26/35 W	28/38 W	31/42 SW	35/48 W	37/51 W
300	22/31 S	23/33 S	20/30 S	19/28 SW	20/29 W	22/31 W	24/35 SW	28/40 W	29/42 W
Valley	11/27 S	14/31 S	11/27 S	12/26 SW	15/30 W	16/33 W	17/36 W	20/41 W	21/43 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-2	5/-1	6/1	2/-4	1/-7	0/-8	0/-8	-0/-9
300	5/-0	6/1	7/2	8/4	5/-0	4/-2	3/-4	2/-5	2/-5
Valley	5/2	7/3	7/4	8/5	5/1	4/-0	3/-2	3/-3	3/-3
Freezing Level*	1200m	1500m	1600m	1700m	900m	600m	500m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds becoming very strong during the afternoon with freezing level lowering to 5-600m and snow and sleet showers expected. Gales on the higher tops by evening with a significant wind chill expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 13 Jan 2023	4.2mm	24.2mm	31.4mm

Forecast for Sunday 15 Jan 2023

Weather: Wintry showers are expected overnight and continuing on Sunday morning. Becoming brighter on Sunday afternoon with showers easing and some bright or sunny periods likely through the afternoon especially further east in the Peak District. A period of heavy rain or snow at higher levels is possible later in the day especially further south.

Maximum wind: Northwesterly 15-20mph with gusts 25-30mph backing southwesterly 15-20mph later.

Chance of cloud-free hill tops above 600m: 20%, associated with overnight sleet and snow, improving to 70%, cloud still dipping over the summits in afternoon showers, possibly falling to 30% in the evening.

Low cloud and visibility: Broken cloud layers above 400m and poor visibility in the morning with some wintry conditions during the morning on the summits. Cloud lifting above summits in the afternoon with visibility mostly good for a time, although lowering again in the evening as rain and snow approaches.

Temperature: **Valleys:** Plus 5 falling to 3 Celsius later.
At 600m: Minus 1 Celsius.
Freezing level: 6-700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.